Sanctioned

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/PMC/PD/W-14/2018-19/PG-CB2

Date: 31-01-2018

I. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Formation of Playground and Providing drainage system for disposal of Rain water in and around the playground outdoor stadium ward No-14.}
Ref.: Material testing QC/17-18.
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	24-01-18	31-01-18	07	22500	370	16.44	16.07
	002	"	"	"	"	355	15.78	
	003	"	"	"	"	360	16.00	

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Asst. Executive Engineer,
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Bruhat Bengaluru Mahanagara Palike

For Newzen Consultants Bangalore

Proprietor

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NC/PMC/PD/W-14/2018-19/PG-CB4

Date: 19-02-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Formation of Playground and Providing drainage system for disposal of Rain water in and around the playground outdoor stadium ward No-14.}
Ref.: Material testing/QC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	12-02-18	19-02-18	07	22500	350	15.56	16.00
	002	"	"	"	"	370	16.44	
	003	"	"	"	"	360	16.00	

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NC/PMC/PD/W-14/2018-19/PG-CB1A

Date: 20-02-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Formation of Playground and Providing drainage system for disposal of Rain water in and around the playground outdoor stadium ward No-14.}
Ref.: Material testing/QC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	23-01-18	20-02-18	28	22500	505	22.44	22.52
	002	"	"	"	"	500	22.22	
	003	"	"	"	"	515	22.89	

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/PMC/PD/W-14/2018-19/PG-CB2A

Date: 21-02-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength)

(Project* Formation of Playground and Providing drainage system for disposal of Rain water in and around the playground outdoor stadium ward No-14.)

Ref. Material testing/QC/17-18.

Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	24-01-18	21-02-18	28	22500	520	23.11	22.74
	002	"	"	"	"	505	22.44	
	003	"	"	"	"	510	22.67	

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NC/PMC/PD/W-14/2018-19/PG-K2

Date: 26-03-2018

TEST REPORT

Sub: Testing of Pre-cast Material-Kerb Stones.
{Project*: Formation of Playground and Providing drainage system for disposal of Rain water in and around the playground outdoor stadium ward No-14.}
Ref.: Material testing/QC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

1. PHYSICAL TESTS ON KERB STONES:

Sl No.	Identification	Flexural strength, fcr in N/sqmm	Characteristic Compressive Strength, fck in N/sqmm	Avg. Characteristic. Compressive Strength fck in N/sqmm	Remarks
1	001	3.34	22.80	23.11	As per Cl. 6.2.2 of IS 456-2000, fcr=0.7√ fck
2	002	3.36	23.10		
3	003	3.38	23.45		

2. WATER ABSORPTION TEST

Sl No	Identification	Water absorption %	Average value %
1	001	4.74	4.71
2	002	4.62	
3	003	4.79	

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NC/PMC/PD/W-14/2017-18/OG-C1 Date: 12-01-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Providing ornamental grill and gates to play ground outdoor stadium ward No-14.}
Ref.: Material testing/QC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

PHYSICAL TESTS ON CEMENT

Brand : ACC
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	161 min	Shall not be less than 30 min
2	Final setting time	294 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	1.78 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	2.01 mm	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results) b) 7 days (average of three results)	28.65 N/Sq mm 39.79 N/Sq mm	Shall not be less than 27 N/Sqmm Shall not be less than 37N/Sqmm

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NC/PMC/PD/W-14/2017-18/OG-PCC1 Date: 12-01-2018

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for M-10 grade concrete .

{Project*: Providing ornamental grill and gates to play ground outdoor stadium ward No-14.}

Ref.: Material testing QC 17-18.

Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

1. COARSE AGGRGATES Table - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	98.35	85-100	95 – 100
20mm	43.10	0 -20	30- 70
10mm	16.80	0 -5	10- 35
4.75mm	2.45	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone –III	
04.75	96.75	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	83.10	60-95	75-100	85-100	
01.18	61.90	30-70	55-90	75-100	
600. mic	38.05	15-34	35-59	60-79	
300.mic	11.40	5-20	8-30	12-40	
150.mic	7.55	0-10	0-10	0-10	

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NC/PMC/PD/W-14/2017-18/OG-C2

Date: 19-01-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Providing ornamental grill and gates to play ground outdoor stadium ward No-14.}
Ref.: Material testing/QC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

PHYSICAL TESTS ON CEMENT

Brand : ACC
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	185 min	Shall not be less than 30 min
2	Final setting time	292 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	2.13 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	1.99 mm	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results) b) 7 days (average of three results)	28.46 N/Sq mm 39.19 N/Sq mm	Shall not be less than 27 N/Sqmm Shall not be less than 37N/Sqmm

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NC/PMC/PD/W-14/2017-18/OG-FA1 Date: 19-01-2018

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.
{Project*: Providing ornamental grill and gates to play ground outdoor stadium ward No-14.};
Ref.: Material testing/QC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

TABLE - 1.1 : SIEVE ANALYSIS :

IS Sieve Size,mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
04.75	96.75	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	84.95	60-95	75-100	85-100	
01.18	59.10	30-70	55-90	75-100	
600. mic	38.45	15.34	35-59	60-79	
300.mic	22.65	5-20	8-30	12-40	
150.mic	7.20	0-10	0-10	0-10	

TABLE 1.2 :

Sl No	Test Conducted	Sample	Results	Requirements as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	16.85 %	-----
2	Silt Content	----	0.63 %	Not more than 8%
3	Specific Gravity	----	2.60	------

Page No. 1/1,

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For Newzen Consultants Bangalore

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/PMC/PD/W-14/2017-18/OG-S1 Date: 20-01-2018

1. TEST REPORT ON REINFORCEMENT STEEL:

Sub: Testing of Reinforcement Steel of diameter 10 & 12 mm TMT Steel.
{Project*: Providing ornamental grill and gates to play ground outdoor stadium ward No-14.}
Ref.: Material testing/QC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

TABLE – 1

SL No	Details	For 10 mm		For 12 mm	
		Test Results	Min Req. as per IS 1786-2008	Test Results	Min Req. as per IS 1786-2008
01	Observed diameter of bar	10.0 mm	10.0 mm	12.0 mm	12.0 mm
02	Observed Wt/m Length Kg/m	0.627	0.567	0.882	0.834
03	Proof stress/Yield stress, fy , N/mm^2	534.0	500.0	539.0	500.0
04	Bend/ Re bend Test	Ok	---	Ok	---
05	Percentage of Elongation, %	21.80	12.00	21.30	12.00
06	Ultimate Tensile Strength N/mm^2	631.0	545.0	642.0	545.0

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NC/PMC/PD/W-14/2017-18/OG-CB1A

Date: 19-02-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Providing ornamental grill and gates to play ground outdoor stadium ward No-14.}
Ref.: Material testing/QC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{15}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	22-01-18	19-02-18	28	22500	405	18.00	17.48
	002	"	"	"	"	385	17.11	
	003	"	"	"	"	390	17.33	

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NC/PMC/PD/W-14/2017-18/OG-CB2

Date: 12-02-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Providing ornamental grill and gates to play ground outdoor stadium ward No-14.}
Ref.: Material testing/QC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	05-02-18	12-02-18	07	22500	380	16.89	16.52
	002	"	"	"	"	365	16.22	
	003	"	"	"	"	370	16.44	

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NC/PMC/PD/W-14/2017-18/OG-CB2A

Date: 05-03-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project* Providing ornamental grill and gates to play ground outdoor stadium ward No-14.}

Ref: Material testing/QC/17-18,

Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.

Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	05-02-18	05-03-18	28	22500	500	22.22	22.74
	002	"	"	"	"	520	23.11	
	003	"	"	"	"	515	22.89	

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/PMC/PD/W-14/2017-18/OG-CB2A Date: 05-03-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project* Providing ornamental grill and gates to play ground outdoor stadium ward No-14.}
Ref. Material testing/QC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	05-02-18	05-03-18	28	22500	500	22.22	22.74
	002	"	"	"	"	520	23.11	
	003	"	"	"	"	515	22.89	

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/PD/MW-01/2017-18/CW-C1

Date: 26-03-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Construction of Compound Wall at North East portion of Survey No.33 of Mallasandra.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

PHYSICAL TESTS ON CEMENT

Brand : ACC
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	159 min	Shall not be less than 30 min
2	Final setting time	241 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	2.37 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	2.02 mm	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results) b) 7 days (average of three results)	28.91 N/Sq mm 38.65 N/Sq mm	Shall not be less than 27 N/Sqmm Shall not be less than 37N/Sqmm

*As furnished by Client.
The Results relate only to the items tested.

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/PD/MW-01/2017-18/CW-PCC1 Date: 26-03-2018

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for M-10 grade concrete .
{Project*: Construction of Compound Wall at North East portion of Survey No.33 of Mallasandra.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

1. COARSE AGGRGATES Table - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	98.45	85-100	95 - 100
20mm	51.10	0 -20	30- 70
10mm	29.65	0 -5	10- 35
4.75mm	3.20	-----	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	95.60	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	81.35	60-95	75-100	85-100	
01.18	68.05	30-70	55-90	75-100	
600. mic	44.80	15-34	35-59	60-79	
300 mic	11.20	5-20	8-30	12-40	
150 mic	6.35	0-10	0-10	0-10	

*As Furnished by Client.
The Results relate only to the items tested.

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/PD/MW-01/2017-18/CW-C2 Date: 28-03-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Construction of Compound Wall at North East portion of Survey No.33 of Mallasandra.}
Ref. Material testing/PMC/17-18.
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

PHYSICAL TESTS ON CEMENT

Brand : ACC
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

Sl. No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	149 min	Shall not be less than 30 min
2	Final setting time	252 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	1.99 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	1.73 mm	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results) b) 7 days (average of three results)	29.54 N/Sq mm 40.12 N/Sq mm	Shall not be less than 27 N/Sqmm Shall not be less than 37N/Sqmm

*As furnished by Client.
The Results relate only to the items tested.

Page No. 1/1,

For Newzen Consultants Bangalore

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
BBMP, Bangalore

Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/PD/MW-01/2017-18/CW-PCC2 Date: 28-03-2018

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for M-10 grade concrete .
{Project*: Construction of Compound Wall at North East portion of Survey No.33 of Mallasandra.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

1. COARSE AGGRGATES Table - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	97.30	85-100	95 – 100
20mm	61.05	0 -20	30- 70
10mm	25.60	0 -5	10- 35
4.75mm	2.75	-----	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone –III	
04.75	98.30	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	85.95	60-95	75-100	85-100	
01.18	71.40	30-70	55-90	75-100	
600. mic	57.05	15-34	35-59	60-79	
300.mic	22.60	5-20	8-30	12-40	
150.mic	3.85	0-10	0-10	0-10	

*As Furnished by Client.
The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

Page No. 1/1,

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

For Newzen Consultants Bangalore
Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/PD/MW-01/2018-19/CW-SB3

Date: 16-04-2018

1. TEST REPORT ON PRE –CAST SOLID BLOCKS:

Sub: Testing of Pre-Cast Solid Block- Compressive strength.

{Project*: Construction of Compound Wall at North East portion of Survey No 33 of Mallasandra }

Ref.: Material testing/PMC/17-18.

Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore

Name of the Agency/Contractor*: Technical Manager, KRIDL

RESULTS OF COMPRESSIVE STRENGTH ON PRE CAST(Solid Blocks) BLOCK SPECIMENS

TABLE 1. 1:

Sl No.	Dimensions of Specimen mm	Details	Cross Sectional Area mm^2	Maximum Load in KN	Compressive Strength N/mm^2	Average Compressive Strength N/mm^2
1	400 X 100 X 200	**Solid**	40000	150	3.75	
2	,,	,,	40000	170	4.25	4.04
3	,,	,,	40000	165	4.13	

*As furnished by Client.

The Results relate only to the items tested.

Asst. Executive Engineer
Project Division-I
Dasarahalli Zone.
Bruhat Bengaluru Mahanagara Palike

For Newzen Consultants Bangalore

Proprietor

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